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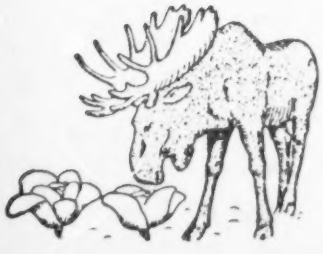
ALASKA
CROP & LIVESTOCK
REPORTING
SERVICE

JUNE 1983

ALASKA AGRICULTURAL STATISTICS



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Darkened areas on the map show the location of the major agricultural activities within the State. The small circled numbers designate the crop reporting districts.

1 Tanana Valley
2 Matanuska Valley
3 Kenai Peninsula
4 Southeast
5 Southwest

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A L A S K A A G R I C U L T U R A L S T A T I S T I C S

1 9 8 2

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Dear Reader:

It is my pleasure to present the 1983 Alaska Agriculture Statistics. For over twenty years the Division of Agriculture has cooperated with the U S Department of Agriculture - Statistical Reporting Service, Cooperative Extension Service and Agricultural Experiment Station. With this combined effort we hope to bring some much needed information to the agriculture community.

The size of this publication has been cut in half in the last six years. This is due to a very strict budget and our failure to obtain printing monies elsewhere. We sincerely hope we are not leaving out information that is of value to you. If there are any statistics missing that you feel would be helpful, please inform us and we will try to correct it in the 1984 issue.

We all commend the excellent work Delon Brown and his staff have done on this publication. We hope this cooperation continues for many years.

Good farming to all in 83.

Sincerely,

Bill L. Heim

Bill L Heim
Director

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FOREWARD

Alaska is one-fifth the size of continental United States; is as large as Texas, California and Montana combined. The total land area of Alaska is approximately 375 million acres, of which 1.3 million acres were listed as land in farms in the 1979 U.S. Census of Agriculture. Agriculture production is still confined to relatively small areas of the State's total acreage (see inside front cover).

Most land in farms consist of grazing land leased from the State, the U. S. Government and Native Corporations. Crops utilized only 25,000 acres in 1982, the balance was left idle in pasture or uncleared lands. State land lotteries and sales since 1978 have placed over 140,000 acres of potential agriculture land into private ownership. Only a small percent of these acres will be in production in 1983. Alaska has over 20 million acres of potential tillable farmland, plus another 18 million suitable for potential livestock grazing. The number of farms in Alaska has been increasing from 290 in 1978 to 410 farms in 1982. The State population was estimated at 433,400 people in 1982.

The 1983 publication includes the latest official State Crop and Livestock Statistics on Agriculture in Alaska. It continues the series of "Alaska Agriculture Statistics" started in 1960.

This issue contains the preliminary estimates for 1982 along with comparable 1980 and 1981 data which have been subject to revision. Also included are pertinent historical estimates on the State level for comparison purposes. The estimates in this publication were developed from the monthly, quarterly and annual surveys conducted each year by this office. The Alaska survey response continues to be excellent and I want to express my thanks to the many farmers, ranchers, and agri-businessmen who helped us by providing basic data about the State's agriculture. I would also like to thank the other Federal, State, and University Offices for their continued support.

DELON A. BROWN
Statistician in Charge
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* * * * * * * * * * * * * * * *

REPORTS AVAILABLE: 1/

ALASKA FARM REPORTER (Monthly)
Includes milk and egg production, potato stocks, crop production and livestock inventory.

ALASKA AGRICULTURE STATISTICS (Annual)
Area Estimates - Crop. Livestock and values.

CROP WEATHER (Weekly)
(May 1 to October 1) - Planting and harvesting progress, crop development progress and weather data.

1/ *All releases are free to crop and livestock reporters and available by subscription to non-reporters.*

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FERTILIZER CONSUMPTION - ALASKA 1981-82

	1981	1982 [1]
	tons	
NITROGEN:		
Ammonium Nitrate	875	385
Urea	2,230	8,810
Ammonium Sulfate	--	75
Other	55	--
PHOSPHATES:		
Treble Super Phosphate	420	10
Ammoniated Phosphate	195	95
Other	10	--
POTASH:		
Muriate of Potash	250	50
Potassium Sulfate	10	--
Other	10	--
TOTAL MATERIALS	4,055	9,425
COMPLETE FORMULAS:		
5-10-10	20	--
5.5-26-26	40	--
6-24-24	50	--
6-26-30	--	110
6-28-14	105	--
6-31-23	--	20
7-34-15	--	20
8-32-15	55	95
8-32-16	840	480
10-15-11	40	--
10-20-10	420	430
10-20-20	190	490
12-45-8	--	50
12-50-10	40	--
15-11-11	40	--
15-21-21	140	--
15-30-14	--	20
16-16-16	290	230
COMPLETE FORMULAS:		
18-18-18	--	25
18-46-0	80	170
20-10-10	130	425
20-20-10	230	75
21-20-15	290	--
22-4-4	115	150
22-11-11	350	505
22-22-13	--	25
23-3-7	65	--
23-7-14	--	220
23-7-15	450	--
23-12-19	--	20
24-10-18	--	100
24-18-12	65	--
24-18-18	--	40
25-3-7	--	65
26-13-13	175	--
26-18-9	240	--
26-21-6	50	--
26-23-7	--	140
27-18-9	115	75
28-0-22	--	90
28-15-5.6	50	--
28-15-6	--	25
29-0-20	60	--
29-9-10	25	--
30-10-10	70	--
31-0-19	--	115
32-0-17	80	--
Miscellaneous [2]	95	150
TOTAL FORMULA	5,005	4,360
TOTAL ALL FERTILIZER	9,060	13,785
LIME	1,250	1,780

1/ Preliminary.

2/ Complete formulas of less than 20 tons combined with miscellaneous.

AGRICULTURAL COMMODITIES PRODUCED - ALASKA (Selected Years)

Commodity		1960	1965	1970	1975	1980	1982
		thousand units					
				CROP PRODUCTION			
OATS FOR GRAIN	Bu.	79.8	42.0	22.5	16.8	26.1	31.2
BARLEY FOR GRAIN	Bu.	87.4	67.2	46.5	70.0	339.0	315.0
ALL SILAGE	Tons	20.2	21.7	13.6	15.2	12.4	10.0
GRAIN SILAGE	Tons	15.8	17.7	7.4	4.8	4.7	4.7
GRASS SILAGE	Tons	4.4	4.0	6.2	10.4	7.7	5.3
ALL HAY	Tons	10.5	8.8	9.4	21.4	15.0	14.3
GRAIN HAY	Tons	2.5	2.2	1.5	7.1	2.7	2.5
GRASS HAY	Tons	8.0	6.6	7.9	14.3	12.3	11.8
POTATOES	Cwt.	131.4	131.0	106.8	108.7	77.0	102.0
CABBAGE	Cwt. 1/	3.6	3.0	3.5	3.0	4.1	11.9
LETTUCE	Cwt. 1/	6.2	6.5	7.9	9.5	11.2	29.4 2/
CARROTS	Cwt.	7.6	2.9	1.5	2.0	3.3	3.0
OTHER VEGETABLES	Cwt.	2.8	2.1	3.0	1.8	4.6	5.5
				LIVESTOCK AND POULTRY PRODUCTS			
EGGS	Doz.	529.8	766.7	408.0	417.0	375.0	733.0
POULTRY	Lbs.	55.0	89.0	73.0	167.0	161.0	176.0
BEEF	Lbs.	357.0	824.0	963.0	664.0	767.0	801.0
PORK	Lbs.	151.0	205.0	135.0	150.0	232.0	604.0
MUTTON	Lbs.	12.0	28.0	52.0	30.0	18.0	53.0
WOOL	Lbs.	125.0	209.0	239.0	67.0	35.0	31.0
		million units					
MILK	Lbs.	20.4	20.7	18.6	16.8	12.5	13.8

1/ 1982 units in cartons. 2/ Head lettuce only.

LIVESTOCK AND POULTRY ON FARMS (By Class) - ALASKA (Selected Years)

	Jan. 1 1961	Jan. 1 1965	Jan. 1 1970	Jan. 1 1975	Jan. 1 1980	Jan. 1 1982
	thousand head					
ALL CATTLE AND CALVES	7.3	8.3	8.7	9.7	8.4	9.0
Beef Cows	1.4	2.0	2.6	2.8	2.5	3.0
Milk Cows	2.8	2.6	1.8	1.6	1.1	1.0
Heifers 500 Pounds +	1.0	1.2	1.1	1.2	1.2	1.3
Beef Cow Replacement	.4	.5	.6	.6	.7	.8
Milk Cow Replacement	.6	.7	.5	.6	.5	.5
Steers 500 Pounds	.6	.7	.8	.6	.4	.8
Bulls 500 Pounds +	.2	.2	.5	1.0	1.2	.9
Calves Under 500 Pounds	1.3	1.6	2.0	2.5	1.9	1.9
ALL SHEEP AND LAMBS	1.5	20.0	27.0	12.4	4.3	3.3
Lambs	4.0	4.0	5.0	2.0	.7	.6
Ewes 1 Year +	6.0	9.0	11.0	6.0	2.3	1.6
Wethers and Rams 1 Year +	5.0	7.0	11.0	4.4	1.3	1.1

	Jan. 1 1961	Jan. 1 1965	Dec. 1 1969	Dec. 1 1974	Dec. 1 1979	Dec. 1 1982
	thousand head					
ALL HOGS AND PIGS	1.0	1.4	1.1	1.2	1.1	3.5
Slaughter Hogs and Pigs	NA	1.1	.9	.9	.8	2.8
Breeding Hogs	NA	.3	.2	.3	.3	.7
ALL CHICKENS	42.0	39.0	30.0	30.0	26.0	81.0
HPLA	41.0	38.0	28.0	29.0	24.0	57.0
Other Chickens	1.0	1.0	2.0	1.0	2.0	24.0

VALUE OF PRODUCTION BY AREAS - ALASKA 1980-82 1/

Year	Tanana Valley	Matanuska Valley	Kenai Penin.	South-East	South-West	State Total
	- - - - - - - - - - - - - - - - - - dollars - - - - - - - - - - - - - - - - - -					
			CROPS			
1980	1,927,500	3,501,000	373,000	-	60,000	5,861,500
1981	2,608,600	4,435,400	438,000	-	16,000	7,498,000
1982	2,941,200	3,653,800	532,000	-	25,000	7,152,000
			LIVESTOCK AND POULTRY			
1980	357,500	2,970,700	235,500	16,100	289,200	3,869,000
1981	634,100	3,258,800	399,300	19,500	351,300	4,663,000
1982	883,600	3,822,500	596,600	18,600	422,600	5,744,000
			TOTAL			
1980	2,285,000	6,471,700	608,500	16,100	359,200	9,730,500
1981	3,252,700	7,694,200	837,300	19,500	367,300	12,161,000
1982	3,824,800	7,476,300	1,128,600	18,700	447,600	12,896,000

1/ Includes only crop and livestock commodities in this bulletin.

NUMBER OF EQUINES BY CLASS - ALASKA 1982 1/

Area	Total Equines	Light Horses	Ponies	Draft Horses	Mules and Donkeys
Fairbanks North Star Borough	869	759	83	13	5
Matanuska-Susitna Borough	1,250	1,126	98	14	12
Kenai Peninsula Borough	1,220	1,117	58	9	36
Kodiak Island	190	141	49	-	-
Municipality of Anchorage	1,320	1,199	113	6	2
Other	790	700	55	25	10
Total	5,630	5,402	456	67	65
% of Total	100	89.6	8.1	1.2	1.1

1/ The number of equine in an area encompassing the North Star Borough, Mat-Su Borough, Kenai Peninsula Borough, Kodiak Borough, Municipality of Anchorage, and Other surrounding area from Tok to Mt. McKinley and Valdez to Delta Junction totaled 5,630 head on August 1, 1982.

FARM COMMODITY CASH RECEIPTS - ALASKA 1980-82

Items	1980	1981	1982 1/
TOTAL ALL COMMODITIES	11,819,000	14,260,000	16,488,000
Total Livestock Products	4,147,000	5,088,000	6,408,000
All Meat Animals	494,000	571,000	954,000
Cattle and Calves	268,000	287,000	309,000
Sheep and Lambs	5,000	9,000	20,000
Hogs and Pigs	221,000	275,000	625,000
All Dairy Products	2,118,000	2,465,000	2,791,000
Milk Wholesale	1,978,000	2,400,000	2,726,000
Milk Retail	140,000	65,000	65,000
All Poultry and Eggs	461,000	695,000	892,000
Poultry	11,000	25,000	19,000
Eggs	450,000	670,000	873,000
All Miscellaneous Livestock	1,074,000	1,357,000	1,771,000
Wool	25,000	8,000	20,000
Other Livestock 2/	1,049,000	1,349,000	1,751,000
Total All Crops	7,672,000	9,172,000	10,080,000
All Feed Crops	1,853,000	2,684,000	2,402,000
Barley	885,000	869,000	997,000
Hay	952,000	1,776,000	1,311,000
Oats	16,000	39,000	94,000
All Vegetables	1,725,000	2,148,000	2,162,000
Potatoes	1,137,000	1,502,000	1,425,000
Miscellaneous Vegetables	588,000	646,000	737,000
Berries	25,000	27,000	25,000
All Other Crops 3/	4,069,000	4,313,000	5,491,000

1/ Preliminary. 2/ Includes equine, fox, goats, honey, mink, rabbits, reindeer, and other livestock and products. 3/ Includes forest products, greenhouse, nursery, seed and other field crops not mentioned above.

MATANUSKA VALLEY: A late spring and cold weather limited field activity in most areas until mid-May. Small grain seeding, potato planting and vegetable planting averaged 10 to 14 days behind normal due to wet fields and cold soils. Virtually all planting was complete by the first week of June. June soil temperatures were 7 to 10 degrees colder than normal during the same period in 1980 and 1981. Crop emergence and growth also lagged in most areas. Haying started on a few fields, but most fields were short and harvest was delayed. Most of the first crop was up before the end of July; however, persistent showers caused problems the last half of July and early August. Topsoil moisture supplies were generally adequate or better throughout the growing season except for the first week of July. Vegetable harvest started in mid-July. Nearly all crops were behind normal throughout the growing season. Vegetable supplies were plentiful throughout August and much of September. Cool temperatures and rain during September curtailed most harvesting activity. Scattered frosts started in early September although the heavy frost did not occur until early October. Combining and second cutting was delayed during September and in early October snow fell and remained until after the first of the new year.

TANANA VALLEY: A late thaw and wet fields curtailed most field activity until after May 10. Field work was generally 15 days behind normal through most of May. Nearly 70 percent of the barley was seeded during the first week of June, after growers worked long hours in an attempt to get caught up. Crop emergence and growth was slow. Haying activities were in full swing by the end of June and moved ahead quickly in early July. Condition of small grain was good to excellent but maturity was behind schedule. Crop growth accelerated in late July and August. Soil moisture supplies were generally adequate or better throughout most of the growing season. Frost ended the growing season on August 28; however, most small grain fields were mature enough that little damage was done. Swathing and combining started in late August. Combining and cutting second crop hay made excellent progress during mid-September. Harvest of most crops was nearing completion by early October when wet snow and rain caused light to severe damage to the remaining grain fields.

KENAI PENINSULA: Field activity started in most areas the third week of May. Crop growth was slow during June and condition was below average. Haying was general in early July and continued off and on until late August on some farms. Crop growth and maturity remained behind normal throughout the growing season. Soil moisture supplies ranged from short to adequate until late in the season when most areas reported surplus supplies. Wet conditions limited potato digging until late September and early October.

1982 HARVESTED ACRES

1.	Grass Hay	45.8%
2.	Barley Grain	31.5%
3.	Grain Hay	9.3%
4.	Grass Silage	4.6%
5.	Potatoes & Vegetables	3.3%
6.	Grain Silage	3.0%
7.	Oats Grain	2.5%

ALASKA CROP SUMMARY

BARLEY was planted on 8,500 acres in 1982, 8,000 acres less than in 1981. Growers harvested 7,900 acres of which 7,500 acres were harvested for grain. Production of Barley For Grain was 315,000 bushels, 64,000 bushels above 1981. Yield averaged 42.0 bushels or 20.2 cwt. per acre. Value of the 198. crop, at $1,134,000 was $105,000 abov. the 1981 level.

OAT growers planted 3,200 acres of oats, 2,800 acres less than 1981. Growers harvested 2,500 acres, 1,700 below last year's level. Most of the oat acreage was harvested for hay in 1982.

OATS FOR GRAIN was harvested from 600 acres, up from 500 acres harvested in 1981. Production at 31,200 bushels was up 9,500 bushels from the 1981 production. The State's yield averaged 52.0 bushels or 16.6 cwt. per acre. Value of the 1982 crop at $156,000 was $91,000 above the previous year.

MIXED GRAINS for hay and silage were harvested from 600 acres, compared with 700 acres in 1981. Production is included with hay and silage data.

ALL HAY production of 14,300 tons was down 5,900 tons from the 1981 production and the smallest crop since 1971. The State average yield at 1.09 tons per acre, compares with 1.40 tons per acre in 1981. The 1982 crop was harvested from 13,100 acres, down from 14,400 acres a year earlier. Production value of all hay at $2,717,000 was down $515,000 from the previous year.

GRASS HAY was harvested from 10,900 acres, 300 acres less than in 1981. Production of 11,800 tons of grass hay was 2,900 tons below the 1981 level. Seeded grass hay-brome, timothy, etc.- is harvested mostly in the Tanana and Matanuska Valleys. Native grasses make up much of the Kenai Peninsula hay production.

GRAIN HAY, mostly oat hay, was harvested from 2,200 acres, off 1,000 acres from the previous year. Production totaled 2,500 tons, compared with 5,500 tons in 1981.

ALL SILAGE production of 10,000 tons was down 2,800 tons from the previous year. A total of 1,800 acres of silage was harvested, down 1,200 acres from 1981. GRASS SILAGE was harvested from 1,100 acres and produced 5,300 tons. GRAIN SILAGE produced 4,700 tons from 700 acres. Silage is produced mainly by Grade A dairies in the Matanuska Valley. Production value of all silage at $428,000, was $71,000 less than a year ago.

POTATO production of 102,000 cwt. was harvested from 480 acres, compared with 95,000 cwt. in 1981. Value of production at $1,938,000 was $57,000 below the 1981 crop.

VEGETABLES were harvested from 306 acres, 33 acres more than the previous year. Value of all vegetables produced, excluding greenhouse vegetables was $779,000 compared with $678,000 in 1981. HEAD LETTUCE production of 29,400 cartons were harvested from 109 acres in 1982. Lettuce data reflects head lettuce for 1981 and 1982. Lettuce data prior to 1981 included all lettuce. Other types of lettuce are included in other vegetables. An annual average carton weight of head lettuce in Alaska was 45 pounds in 1981 and 52 pounds in 1982. CABBAGE production of 11,900 cartons were produced on 37 acres in 1982. An annual average carton weight for cabbage in Alaska was 50 pounds in 1981 and 51 pounds in 1982.

CARROT production totaled 3,000 cwt., 700 cwt. below 1981. Acres harvested at 29 was slightly above last year's level. Other vegetables were harvested from 131 acres, 26 acres above the previous year.

CROPLAND UTILIZATION - ALASKA 1982

Crops	Tanana Valley	Matanuska Valley	Kenai Penin. 1/	South West 1/	State Total
			Acres		
			PLANTED AREA		
COMMERCIAL VEGETABLES					
Potatoes	95	415	20	-	530
Lettuce	14	110	-	-	124
Cabbage	6	37	-	-	43
Carrots	9	23	-	-	32
Other Vegetables	20	130	5	0	155
FEED CROPS					
All Oats	2,300	500	400	-	3,200
All Barley	7,700	600	200	-	8,500
Grain Mixtures	100	600	-	-	700
GRASSLAND HARVESTED					
Grass	4,250	5,550	2,100	100	12,000
TOTAL LAND IN CROPS	14,494	7,965	2,725	100	25,284
Percent of State Total	57.3	31.5	10.8	.4	100
			HARVESTED AREA		
COMMERCIAL VEGETABLES					
Potatoes	90	370	20	-	480
Lettuce	13	96	-	-	109
Cabbage	6	31	-	-	37
Carrots	8	21	-	-	29
Other Vegetables	20	106	5	-	131
FEED CROPS					
Oats-All Purposes	2,000	200	300	-	2,500
Barley-All Purposes	7,450	350	100	-	7,900
Grain Mixtures	100	500	-	-	600
Grass	4,250	5,550	2,100	100	12,000
			FEED CROP UTILIZATION		
GRAIN					
Oats	550	50	-	-	600
Barley	7,250	250	-	-	7,500
HAY					
Grain	1,500	300	400	-	2,200
Grass	4,200	4,500	2,100	100	10,900
SILAGE					
Grain	250	450	-	-	700
Grass	50	1,050	-	-	1,100

1/ Dash indicates no crop produced or combined with other areas.

BARLEY AND OATS - ALASKA 1980-82

District	Year	Area Planted	AREA HARVESTED FOR GRAIN Acres	Yield	Production Bu. (000)	Cwt.	Value (000)
		Acres		Bu.			
					BARLEY		
	1980	12,500	10,600	29.2	309.6	148,600	904.0
Tanana Valley	1981	15,600	7,800	32.9	224.0	107,505	899.0
	1982	7,700	7,250	42.5	308.0	147,800	1,100.0
	1980	1,400	900	32.7	29.4	14,100	113.0
Matanuska Valley	1981	900	700	38.6	27.0	13,000	130.0
	1982	600	250	28.0	7.0	3,400	34.0
	1980	100	-	-	-	-	-
Kenai Peninsula	1981	-	-	-	-	-	-
	1982	200	-	-	-	-	-
	1980	14,000	11,500	29.5	339.0	162,700	1,017.0
State Total	1981	16,500	8,500	29.5	251.0	120,500	1,029.0
	1982	8,500	7,500	42.0	315.0	151,200	1,134.0
					OATS		
	1980	2,100	450	42.9	19.3	6,200	52.0
Tanana Valley	1981	5,100	300	47.7	14.3	4,600	39.0
	1982	2,300	550	53.1	29.2	9,400	144.0
	1980	600	150	45.3	6.8	2,200	29.0
Matanuska Valley	1981	600	200	37.0	7.4	2,400	26.0
	1982	500	50	40.0	2.0	600	12.0
	1980	400	-	-	-	-	-
Kenai Peninsula	1981	300	-	-	-	-	-
	1982	400	-	-	-	-	-
	1980	3,100	600	43.5	26.1	8,400	81.0
State Total	1981	6,000	500	43.5	21.7	7,000	65.0
	1982	3,200	600	52.0	31.2	10,000	156.0

HAY AND SILAGE - ALASKA 1980-82

District	Year	Area Harvested Acres	Production Tons	Production Value (000)	Area Harvested Acres	Production Tons	Production Value (000)
			HAY				
		GRAIN HAY [1]			GRASS HAY		
Tanana Valley	1980	1,800	2,000	270.0	3,100	2,000	310.0
	1981	2,600	4,900	733.0	3,600	3,700	584.0
	1982	1,500	1,900	333.0	4,200	5,000	900.0
Matanuska Valley	1980	450	500	66.0	5,800	7,900	1,094.0
	1981	300	300	46.0	5,900	9,300	1,549.0
	1982	300	300	59.0	4,500	4,400	903.0
Kenai Peninsula	1980	150	200	25.0	1,300	1,800	275.0
	1981	300	300	47.0	1,600	1,600	257.0
	1982	400	300	57.0	2,100	2,300	440.0
Southwest [2]	1980	-	-	-	200	400	60.0
	1981	-	-	-	100	100	16.0
	1982	-	-	-	100	100	25.0
State Total	1980	2,400	2,700	361.0	10,400	12,300	1,739.0
	1981	3,200	5,500	826.0	11,200	14,700	2,406.0
	1982	2,200	2,500	449.0	10,900	11,800	2,268.0
			SILAGE				
		GRAIN SILAGE [1]			GRASS SILAGE		
Tanana Valley	1980	850	1,000	38.0	50	100	4.0
	1981	600	1,400	48.0	300	500	20.0
	1982	250	1,200	46.0	50	100	4.0
Matanuska Valley	1980	700	3,000	108.0	1,550	7,400	303.0
	1981	750	4,500	171.0	1,250	6,000	246.0
	1982	450	3,500	144.0	1,050	5,200	234.0
Kenai Peninsula	1980	350	700	24.0	100	200	7.0
	1981	50	200	7.0	50	200	7.0
	1982	-	-	-	-	-	-
State Total	1980	1,900	4,700	170.0	1,700	7,700	314.0
	1981	1,400	6,100	226.0	1,600	6,700	273.0
	1982	700	4,700	190.0	1,100	5,300	238.0

1/ Includes mixed grains, oats and barley. 2/ Includes Southeast.

ALL HAY AND ALL SILAGE - ALASKA 1980-82

District	Year	Area Harvested Acres	Yield Tons	Production Tons	Production Value (000)
			ALL HAY		
Tanana Valley	1980	4,900	.86	4,200	580.0
	1981	6,200	1.39	8,600	1,317.0
	1982	5,700	1.21	6,900	1,233.0
Matanuska Valley	1980	6,250	1.34	8,400	1,160.0
	1981	6,200	1.55	9,600	1,595.0
	1982	4,800	.98	4,700	962.0
Kenai Peninsula	1980	1,450	1.38	2,000	300.0
	1981	1,900	1.00	1,900	304.0
	1982	2,500	1.04	2,600	497.0
Southwest 1/	1980	200	2.00	400	60.0
	1981	100	1.00	100	16.0
	1982	100	1.00	100	25.0
State Total	1980	12,800	1.17	15,000	2,100.0
	1981	14,400	1.40	20,200	3,232.0
	1982	13,100	1.09	14,300	2,717.0
			ALL SILAGE		
Tanana Valley	1980	900	1.22	1,100	42.0
	1981	900	2.11	1,900	68.0
	1982	300	4.33	1,300	50.0
Matanuska Valley	1980	2,250	4.62	10,400	411.0
	1981	2,000	5.25	10,500	417.0
	1982	1,500	5.80	8,700	378.0
Kenai Peninsula	1980	450	2.00	900	31.0
	1981	100	4.00	400	14.0
	1982	-	-	-	-
State Total	1980	3,600	3.44	12,400	484.0
	1981	3,000	4.27	12,800	499.0
	1982	1,800	5.56	10,000	428.0

1/ Includes Southeast.

POTATOES - ALASKA 1980-82

District	Year	Area Harvested Acres	Yield Cwt.	Production Cwt.	Production Value (000)
Tanana Valley	1980	95	129	12,300	267.0
	1981	80	110	8,800	194.0
	1982	90	162	14,600	307.0
Matanuska Valley	1980	340	184	62,700	1,254.0
	1981	395	204	80,500	1,681.0
	1982	370	232	85,700	1,596.0
Kenai Peninsula	1980	25	80	2,000	42.0
	1981	25	228	5,700	120.0
	1982	20	85	1,700	35.0
State Total	1980	460	167	77,000	1,563.0
	1981	500	190	95,000	1,995.0
	1982	480	213	102,000	1,938.0

POTATO STOCKS - ALASKA 1980-82

Crop Year	Total Production	Oct 1	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1
	hundred weight								
1980	77.0	72.5	59.0	52.0	41.5	33.5	26.0	19.5	7.5
1981	95.0	88.5	67.5	57.0	50.5	40.0	33.5	24.0	11.5
1982	102.0	93.0	76.0	64.0	51.0	40.0	32.0	22.5	NA

POTATO PRODUCTION, DISPOSITION AND AVERAGE PRICE - 1979-81

Crop Year	Production	Total Seed	Farm Food Seed 1/	Lost and Shrinkage	Sold	Price Per Cwt.
	hundred weight					
1979	85.0	5.6	7.0	[illegible]	63.0	12.30
1980	77.0	8.4	10.5	10.5	56.0	20.30
1981	95.0	6.7	8.5	15.0	71.5	21.00

1/ Household use, fed livestock, and seed used on farm where grown.

MIXED GRAINS [1/] (All Purposes) - ALASKA 1980-82

District	1980	1981	1982	1980	1981	1982
	Acres					
	AREA PLANTED			AREA HARVESTED		
Tanana Valley	50	-	100	50	-	100
Matanuska Valley	450	650	500	450	650	500
Kenai Peninsula	-	50	-	-	50	-
State Total	500	700	700	500	700	600

1/ Includes mixtures of oats, barley, peas and vetch.

LETTUCE, CABBAGE, CARROTS AND OTHER VEGETABLES - ALASKA 1980-82

District	Year	Area Harv. Acres	Production Ctn.	Production Cwt.	Production Value	Area Harv. Acres	Production Cwt.	Production Value
				LETTUCE			CARROTS	
Tanana Valley	1980 [1/]	15		1,200	42,000	7	300	10,000
	1981	14	2,500		39,000	6	700	25,000
	1982	13	2,600		31,000	8	700	21,000
Matanuska Valley 2/	1980 [1/]	85		10,000	200,000	21	3,000	102,000
	1981	86	20,900		235,000	21	3,000	96,000
	1982	96	26,800		306,000	21	2,300	69,000
State Total	1980 [1/]	100		11,200	242,000	28	3,300	112,000
	1981	100	23,400		274,000	27	3,700	121,000
	1982	109	29,400		337,000	29	3,000	90,000
				CABBAGE			OTHER VEGETABLES [2/]	
Tanana Valley	1980	7		300	7,500	14	500	23,000
	1981	7	1,400		17,600	13	200	10,000
	1982	6	1,700		21,200	20	800	34,000
Matanuska Valley 2/	1980	20		3,800	72,000	58	4,100	160,000
	1981	34	7,700		84,400	92	4,500	171,000
	1982	31	10,200		103,800	111	4,700	193,000
State Total	1980	27		4,100	79,500	72	4,600	183,000
	1981	41	9,100		102,000	105	4,700	181,000
	1982	37	11,900		125,000	131	5,500	227,000

1/ Includes all types of lettuce. 2/ Includes Kenai Peninsula. 3/ Excludes greenhouse grown vegetables.

ALASKA LIVESTOCK AND POULTRY - 1982

CATTLE AND CALVES: There were 9,000 head of cattle and calves on Alaska farms and ranches January 1, 1983, off 200 head from last year. Inventory value of all cattle on January 1, 1983 totaled $5,085,000.

DAIRY: Milk cows that have calved numbered 1,000 on January 1, 1983, down 100 head from the previous January 1. There were 500 head of dairy replacement heifers.

The number of Grade A dairies in the State on January 1, 1983, totaled 11 of which 8 were located in the Matanuska Valley; two in the Tanana Valley near Delta Junction; and one on the Kenai Peninsula near Kasilof.

MILK PRODUCTION in 1982 totaled 13.8 million pounds, 400,000 pounds more than in 1981. The value of milk produced, at $2,963,000, was $362,000 more than a year ago. The 1982 value per hundredweight of $21.47 compares with $19.41 in 1981.

BEEF: Beef cattle (all cattle and calves less milk cows and dairy replacement heifers) numbered 7,500 head, 100 below the January 1, 1982 number. Beef cow numbers, at 3,000 head, were unchanged from the previous year. Replacement heifers are estimated at 900 head.

Marketing and transportation problems continues to be main obstacles of the rancher. Most beef are sold off the range at the end of the grazing season.

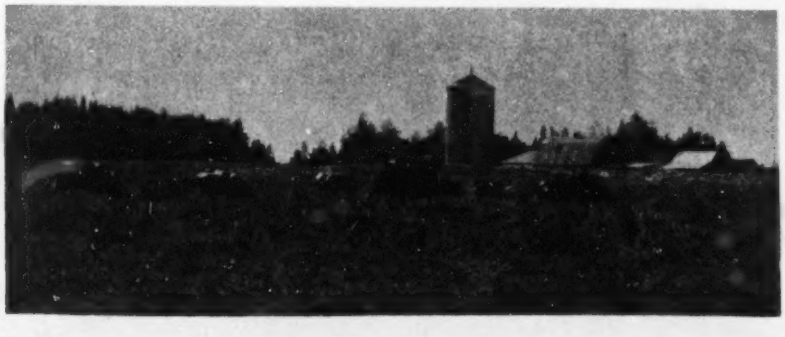
HOGS: There were 3,500 hogs and pigs on Alaska farms on December 1, 1982, up from 2,800 head the previous year. Total value of hogs on December 1, 1982 was $551,000, compared with $392,000 on December 1, 1981.

SHEEP: Stock sheep and lambs in Alaska on January 1, 1983, totaled 3,300 head, down 600 head from a year earlier; a record low since our records began in 1960. Inventory value of sheep was estimated at $337,000 compared with $369,000 a year earlier.

WOOL PRODUCTION of 31,000 pounds, was up from 15,000 pounds in 1981. The 2,500 head shorn compares with 1,500 head shorn in 1981. Fleece weight of 12.4 pounds was up from the 10.7 pounds previous year. Value of 1982 wool crop was $20,000.

POULTRY: All chickens on farms and commercial laying flocks in Alaska totaled 81,000 on December 1, 1982. Value of all chickens totaled $381,000, up from $187,000 a year earlier.

EGG PRODUCTION totaled 733,000 dozen in 1982, 175,000 dozen more than in 1981. and compares with the high of 850,000 dozen in 1966. Value of eggs produced in 1982 was about $873,000, $203,000 above the previous year.



CATTLE ON FARMS JANUARY 1 - ALASKA 1981-83

District	1981	1982	1983	1981	1982	1983
	BEEF COWS THAT HAVE CALVED			MILK COWS THAT HAVE CALVED		
Tanana Valley	230	480	530	80	180	140
Matanuska Valley	190	170	110	980	880	820
Kenai Peninsula	240	330	270	30	30	30
Southwest 1/	1,840	2,020	2,090	10	10	10
State Total	2,500	3,000	3,000	1,100	1,100	1,000
VALUE (000) DOLLARS	1,249.0	1,650.0	1,790.0	913.0	924.0	840.0
	BEEF REPLACEMENT HEIFERS 2/			DAIRY REPLACEMENT HEIFERS 2/		
Tanana Valley	260	120	210	30	50	50
Matanuska Valley	60	70	50	460	440	440
Kenai Peninsula	80	120	70	10	10	10
Southwest 1/	500	690	470	-	-	-
State Total	900	1,000	800	500	500	500
VALUE (000) DOLLARS	495.0	562.0	470.0	280.0	290.0	306.0
	STEERS 2/			BULLS 2/		
Tanana Valley	40	60	160	30	50	60
Matanuska Valley	50	110	120	50	40	50
Kenai Peninsula	30	30	100	40	40	30
Southwest 1/	480	500	420	880	670	760
State Total	600	700	800	1,000	800	900
VALUE (000) DOLLARS	330.0	406.0	480.0	630.0	544.0	610.0
	CALVES 3/			ALL CATTLE		
Tanana Valley	120	370	300	790	1,310	1,460
Matanuska Valley	550	570	490	2,340	2,280	2,100
Kenai Peninsula	160	170	250	590	730	790
Southwest 1/	970	990	860	4,680	4,880	4,650
State Total	1,800	2,100	1,900	8,400	9,200	9,000
VALUE (000) DOLLARS	387.0	546.0	530.0	4,284.0	4,922.0	5,085.0

1/ Includes Southeast. 2/ Over 500 Pounds. 3/ Under 500 Pounds.

HOGS AND POULTRY ON FARMS DECEMBER 1 - ALASKA 1980-82

District	1980	1981	1982	1980	1981	1982
	ALL HOGS			HENS & PULLETS OF LAYING AGE		
Tanana Valley	740	1,550	1,930	3,600	2,900	900
Matanuska Valley	950	1,140	1,450	20,200	27,700	35,700
Kenai Peninsula	70	60	80	4,000	4,100	20,000
Southeast 1/	40	50	40	200	300	400
State Total	1,800	2,800	3,500	28,000	35,000	57,000
VALUE (000) DOLLARS	254.0	292.0	551.0	118.0	179.0	268.0
	ALL CHICKENS			CHICKENS RAISED 2/		
Tanana Valley	5,000	3,400	5,800	26,000	28,000	22,500
Matanuska Valley	30,200	28,500	46,900	49,800	50,800	55,000
Kenai Peninsula	5,500	4,600	27,600	12,000	26,000	47,000
Southeast 1/	300	500	700	3,200	2,200	2,500
State Total	41,000	37,000	81,000	91,000	107,000	127,000
VALUE (000) DOLLARS	168.0	187.0	381.0	NA	NA	NA

1/ Includes Southwest.
2/ Purchased during the year, excludes death loss before reaching 20 weeks of age.

CALF CROP - ALASKA
(Selected Years)

Year	Cows and Heifers That Have Calved January 1	Calving Percentage	Calf Crop
1975	4,400	80	3,500
1980	3,600	78	2,800
1982	4,000	75	3,000

PIG CROP - ALASKA
(Selected Years)

Year	Farrowed	Pigs Per Litter	Pigs Saved
	Spring Farrowings		
1975	50	8.0	400
1980	170	7.1	1,200
1982	380	7.6	2,900
	Fall Farrowings		
1975	50	7.5	400
1980	210	6.7	1,400
1982	350	7.7	2,700

EGG PRODUCTION BY MONTHS - ALASKA 1980 and 1982

Months	Hens and Pullets		Eggs Per Layer		Egg Production	
	1980	1982	1980	1982	1980	1982
					- - (000) - -	
December 1/	24,000	35,000	18.10	21.82	435	765
January	23,000	34,000	16.59	20.49	380	695
February	22,000	34,000	14.59	16.02	320	545
March	22,000	33,000	15.13	16.99	330	560
April	22,000	33,000	14.77	18.21	325	600
May	23,000	33,000	14.78	19.00	340	625
June	24,000	36.000	15.27	18.60	365	670
July	24,000	39,000	17.61	20.27	425	790
August	23,000	50,000	16.96	20.27	390	810
September	23,000	46,000	16.20	17.91	375	825
October	24,000	54,000	16.25	16.52	390	890
November	27,000	58,000	15.18	17.40	410	1,010

1/ December preceding year.

EGGS - ALASKA 1980-82

District	Year	Av. Number of Layers	Production		Sales
			Dozen	(dollars)	(dozen)
	1980		15,000	21,500	92,000
Tanana Valley	1981	NOT	65,000	97,500	58,000
	1982		38,000	70,000	30,000
	1980		341,000	401,000	330,000
Matanuska Valley	1981	ESTIMATED	520,000	470,000	412,000
	1982		500,000	571,000	491,000
	1980		16,000	23,000	12,000
Kenai Peninsula	1981	BY	67,000	93,500	60,000
	1982		190,000	224,000	185,000
	1980		3,000	4,500	800
Southeast 1/	1981	DISTRICTS	6,000	9,000	3,000
	1982		5,000	8,000	2,000
	1980	24,000	375,000	450,000	352,000
State Total	1981	26,000	558,000	670,000	533,000
	1982	39,000	733,000	873,000	708,000

1/ Includes Southwest.

MEAT PRODUCTION - ALASKA 1980-82

District	Year	Production Pounds Dr. Wt.	Production Dollar Value	Production Pounds Dr. Wt.	Production Dollar Value
		BEEF AND VEAL		PORK	
Tanana Valley	1980	116,000	138.000	85,000	86,000
	1981	130,000	162,000	137,000	137,000
	1982	134,000	181,000	277,000	308,000
Matanuska Valley	1980	296,000	294,000	124,000	120,000
	1981	274,000	320,000	134,000	131,000
	1982	282,000	355,000	293,000	321,000
Kenai Peninsula	1980	120,000	143,000	12,000	13,000
	1981	104,000	142,000	11,000	12,000
	1982	126,000	193,000	23,000	26,000
Southeast 1/	1980	235,000	249,000	11,000	13,000
	1981	241,000	325,000	11,000	13,000
	1982	259,000	364,000	11,000	13,000
State Total	1980	767,000	824,000	232,000	232,000
	1981	749,000	949,000	294,000	293,000
	1982	801,000	1,093,000	604,000	668,000
		POULTRY			
Tanana Valley	1980	52,800	28,000		
	1981	66,400	36,500		
	1982	45,500	23,000		
Matanuska Valley	1980	85,000	43,700		
	1981	104,600	54,500		
	1982	72,700	34,400		
Kenai Peninsula	1980	15,900	8,500		
	1981	55,700	30,600		
	1982	53,400	27,100		
Southeast 1/	1980	7,300	3,800		
	1981	4,300	2,400		
	1982	4,500	2,500		
State Total	1980	161,000	84,000		
	1981	231,000	124,000		
	1982	176,000	87,000		

1/ Includes Southwest

MILK PRODUCTION BY MONTHS - ALASKA 1980 AND 1982

Month	Milk Cows in Herd 1/		Milk Per Cow		Milk Production	
	1980	1982	1980	1982	1980	1982
			- - pounds - -		-thousand pounds-	
January	1,100	1,100	945	1,065	1,040	1,170
February	1,100	1,100	870	1,00	960	1,110
March	1,100	1,100	935	1,070	1,030	1,180
April	1,000	1,100	980	1.020	980	1,120
May	1,000	1,100	1,040	1,080	1,040	1,190
June	1,000	1,100	1,060	1,080	1,060	1,190
July	1,000	1,100	1,140	1,030	1,140	1,240
August	1,000	1,100	1,090	1,035	1,090	1,250
September	1,000	1,100	1,050	1,080	1,050	1,190
October	1,100	1,000	935	1,100	1,030	1,100
November	1,100	1,000	910	1,020	1,000	1,020
December	1,100	1,000	980	1,050	1,080	1,050
ANNUAL	1,100	1,100	11,364	12,545	12,500	13,800

1/ Includes all fresh and dry cows.

MILK PRODUCTION AND VALUE - ALASKA 1980-82

District	Year	Production		Value	Percent
		Pounds (000)	Value (000)	Per Cwt.	Milkfat
Tanana Valley 1/	1980	600	132	NOT	
	1981	1,500	320		
	1982	1,800	425	ESTIMATED	
Matanuska Valley	1980	11,900	2,112	BY	
	1981	11,900	2,281	DISTRICTS	
	1982	12,000	2,538		
State Total	1980	12,500	2,244	17.95	3.58
	1981	13,400	2,601	19.41	3.58
	1982	13,800	2,963	21.47	3.59

1/ Includes Kenai Peninsula.

SHEEP, LAMB, WOOL AND MUTTON - ALASKA

SHEEP AND LAMBS ON FARMS JANUARY 1, 1981-83 - ALASKA

Year	EWES ON YEAR PLUS State Total	EWES ON YEAR PLUS Value (000)
1981	2,000	189.0
1982	1,900	190.0
1983	1,600	176.0

Year	WETHERS AND RAMS ONE YEAR PLUS State Total	WETHERS AND RAMS ONE YEAR PLUS Value (000)
1981	1,300	104.0
1982	1,400	126.0
1983	1,100	104.0

Year	ALL LAMBS State Total	ALL LAMBS Value (000)
1981	600	48.0
1982	600	53.0
1983	600	57.0

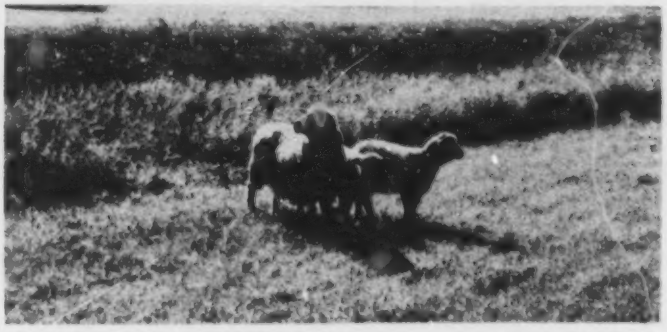
Year	ALL SHEEP AND LAMBS State Total	ALL SHEEP AND LAMBS Value (000)
1981	3,900	341.0
1982	3,900	369.0
1983	3,300	337.0

LAMB CROP - ALASKA (Selected Years)

Year	Ewes One Year Old and Over January 1	Lambing Percentage	Lambs Saved
1975	6,000	17	1,000
1980	2,000	26	600
1982	1,900	37	700

WOOL PRODUCTION - ALASKA 1980-82

Year	PRODUCTION Pounds	PRODUCTION Value (Dollars)
1980	35,000	25,000
1981	16,000	8,000
1982	31,000	20,000



LAMB AND MUTTON - ALASKA 1980-82

Year	PRODUCTION Pounds Dr. Wt.	PRODUCTION Value (Dollars)
1980	18,000	10,000
1981	18,000	18,000
1982	40,000	53,000

ALASKA'S CLIMATE

Temperature and precipitation vary considerably from one end of the State to the other. Although several areas of the State have suitable soils, as well as a favorable climate for agriculture, most farms are located in the Railbelt. This area includes the Tanana Valley, Matanuska Valley, and Kenai Peninsula.

MATANUSKA VALLEY, surrounding the Palmer area and near Anchorage, is the major agriculture producing area. The Valley not only has good soils, but the most suitable climate for agriculture of any area in the State. Temperatures are a little more moderate than the Interior. The Anchorage and Palmer area has up to 19 hours of daylight. Summer and fall seasons have frequent showers and cloudy weather. Total precipitation is limited, but usually adequate. The connecting Susitna Valley has a shorter growing season; otherwise similar conditions prevail. April, May, and June are the driest months.

TANANA VALLEY, from Fairbanks to Delta Junction, is the second most important existing agriculture area. Temperature changes are more severe because of the distance from the ocean. Warming and cooling trends in the spring and autumn are quite rapid. Summers are shorter, and warmer but winters are colder than other areas of the State. In spite of the short growing season, the long days of sunshine and warmer temperatures make crops grow and mature faster. Fairbanks has up to 21 hours of daylight.

KENAI PENINSULA has primarily a maritime weather situation. Temperatures are moderated by effects of the water. Frosts are fairly frequent until mid-June. Precipitation is higher than the other areas of the Railbelt. Crops have to be carefully selected for their tolerance of frosts and a shorter growing season.

OTHER AREAS including Kodiak and other islands along the Aleutian Chain, as well as the Southeast, all have a maritime climate with warmer winters and cooler summers than the Interior. Cloudy weather and frequent rains often delay crop maturity.

Detailed summaries are shown on the following pages for temperature, precipitation and growing degree days. Data for these summaries were taken from monthly Climatological Data publications, NOAA, Environmental Data Service and may vary somewhat from the annual Climatological Data publication when it becomes available.

The length of growing season (GS) shown in the 1982 and historic temperature summaries is based on 32°. The GS is the number of days between the last spring and first fall occurrence of 32°. Official Weather Service temperatures are recorded at the five foot level; therefore, minimum temperatures taken near the ground level will normally be colder than the official readings by as much as 10°.

Growing degree days as shown on the inside back cover are based on an average temperature of 40°. Only temperature values above 40° contribute to growing degree days used in Alaska. For example; the average for July in Big Delta is 60°; therefore. 60°-40°= 20°, multiplied by 31 days in the month of July gives 620 growing season degree days (does not always agree with table due to rounding off monthly temperatures to whole degrees).

Permafrost is underlain in all areas of the State except the southern edge from the Southeast through the Matanuska Valley down the Aleutian Chain. Permafrost is a condition where soil remains frozen throughout the year. Usually, it does not exist where the annual mean temperature is 32°F or above. Vegetation insulates the soil; when it is removed, the soil begins to thaw.

1982 TEMPERATURE DATA BY AREA - ALASKA

STATION	HIGH/LOW FOR					AVERAGE FOR					DATE OF LAST SPRING MINIMUM OF		DATE OF FIRST FALL MINIMUM OF		DAYS IN GS
	YEAR	JAN	APR	JUL	SEP	YEAR	JAN	APR	JUL	SEP	≤32°	≤40°	≤40°	≤32°	≥32°
TANANA VALLEY															
Fairbanks Arpt.	87/-43	11/-43	55/-16	87/46	72/25	29	-18	28	63	49	5/16	6/4	8/27	9/23	130
Univ. Exp. Sta.	88/-45	11/-45	45/-18	88/40	71/6	28	-15	28	62	47	6/4	6/11	7/2	8/28	85
Salcha	82/-46	12/-42	55/-26	83/38	70/25	27	-12	25	62	48	5/31	6/21	8/4	9/10	102
Big Delta	84/-50	3/-50	47/-17	84/44	69/26	27	-13	26	60	47	6/4	6/18	8/6	8/27	84
Clearwater	88/-60	5/-57	49/-25	88/35	72/17	25	-17	26	57	47	6/4	6/23	8/2	8/3	60
MATANUSKA VALLEY															
Anchorage	76/-20	26/-20	48/13	74/39	65/28	33	7	33	56	48	5/19	6/4	7/3	9/12	116
PMC-Butte	79/-26	40/-26	53/-6	79/36	67/27	32	-2	35	57	49	5/29	6/24	7/7	9/12	106
Palmer AES	78/-16	29/-16	51/4	78/37	65/30	34	4	33	55	49	5/22	6/21	7/2	9/12	113
Mat. Exp. Sta.	78/-28	31/-28	52/7	78/37	66/28	34	4	34	56	48	5/22	6/21	7/2	9/12	113
Wasilla 3S	78/-16	35/-16	53/9	78/37	70/29	35	6	35	57	50	5/22	6/21	7/1	9/12	113
Talkeetna	84/-30	28/-30	52/2	84/40	63/26	31	1	32	57	46	5/23	6/13	7/3	9/12	112
KENAI PENINSULA															
Homer Arpt.	66/-13	41/-2	46/13	66/43	58/31	36	21	33	53	48	5/13	6/16	9/12	9/23	133
Kasilof	65/-27	30/-27	49/-2	65/28	59/23	31	6	30	51	45	6/21	6/29	7/4	7/10	19
Sterling	74/-29	29/-29	46/0	74/35	59/24	31	1	30	53	44	5/31	6/29	7/1	9/12	104
OTHER AREAS															
Kodiak	76/-8	46/14	56/20	76/39	63/33	41	33	36	55	50	5/16	6/13	7/6	8/10	86
Nome	80/-23	32/-23	36/-16	75/39	67/30	28	11	12	55	45	5/30	6/18	7/23	9/11	104
McGrath	88/-50	25/-50	45/-18	88/41	61/28	27	-12	24	58	45	5/15	6/15	8/4	9/4	112
Juneau Arpt.	85/-7	36/-7	53/17	81/41	63/34	39	14	37	58	50	5/16	6/22	9/8	10/15	152
Haines	90/-5	30/-5	55/22	86/46	65/37	40	12	39	60	52	5/3	5/27	9/9	10/16	166
Kenny Lake	83/-40	2/-40	47/-25	81/35	67/16	26	-13	25	57	46	6/4	6/25	7/2	8/10	66

HISTORICAL TEMPERATURE DATA BY AREA - ALASKA

STATION	RECORD HIGH/LOW FOR					AVERAGE FOR					GROWING SEASON	
	YEAR	JAN	APR	JUL	SEP	YEAR	JAN	APR	JUL	SEP	Avg. No. Frost Free Days 32°	No. of Years Used for Avg.
TANANA VALLEY												
Fairbanks Arpt.	96/-66	50/-66	74/-49	93/34	84/12	26	-12	29	61	44	114	16
Univ. Exp. Sta.	99/-65	47/-65	76/-32	99/29	85/6	27	-8	30	60	45	90	15
Big Delta	92/-63	48/-63	76/-37	91/35	79/7	27	-5	29	59	44	93	8
Salcha	91/-64	49/-64	76/-19	91/33	74/18	28	2	31	61	45	108	16
Clearwater	93/-72	48/-72	74/-32	90/28	74/13	25	-4	30	59	43	56	8
MATANUSKA VALLEY												
Anchorage	86/-38	56/-35	65/-21	83/35	73/19	35	12	35	58	48	140	16
Palmer AES	90/-35	51/-35	69/-17	85/37	72/17	36	18	37	58	49	124	16
Mat. Exp. Sta.	91/-41	51/-40	68/-16	85/31	75/16	35	12	36	58	114	114	16
Wasilla 3S	90/-38	52/-38	68/-8	87/37	76/17	37	19	38	59	49	111	15
Talkeetna	91/-48	45/-48	69/-37	90/26	78/11	33	9	33	58	46	103	15
PMC-Butte	85/-42	51/-40	72/-10	85/36	71/19	36	18	38	58	48	101	8
KENAI PENINSULA												
Homer Arpt.	81/-17	49/-17	60/-7	78/37	66/24	37	21	35	52	47	140	7
Kasilof	87/-45	48/-45	63/-14	83/27	72/15	34	17	34	53	46	59	14
Sterling	87/-40	44/-38	65/-8	87/30	70/15	34	17	35	55	46	75	11
OTHER AREAS												
Kodiak	86/-8	54/-8	59/-7	80/38	72/26	41	30	37	54	50	156	16
Nome	86/-47	46/-47	60/-30	86/31	67/15	26	6	19	50	42	82	15
McGrath	90/-64	54/-64	67/-31	89/33	76/6	25	-9	27	58	44	107	14
Juneau Arpt.	90/-22	57/-20	71/6	90/36	72/26	40	24	39	56	49	134	15
Haines	98/-17	53/-11	74/16	98/35	76/26	41	24	42	58	50	149	13
Kenny Lake	88/-57	44/-57	68/-10	88/30	70/16	28	0	34	57	44	71	5

PRECIPITATION DATA BY AREA (Inches) - ALASKA

STATION	1982 PRECIPITATION							AVERAGE PRECIPITATION							1982 SNOW-FALL
	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
TANANA VALLEY															
Fairbanks Arpt.	.93	.96	1.96	2.33	1.67	.77	12.93	.33	.65	1.42	1.90	2.20	1.08	11.23	91.6
Univ. Exp. Sta.	1.22	.68	2.26	4.00	1.83	.62	31.02	.36	.78	1.61	2.31	2.60	1.30	12.90	48.3
Salcha	.82	.42	3.16	3.96	2.00	1.70	10.39	.40	1.07	1.75	2.39	1.92	1.10	11.70	68.6
Big Delta	.55	1.09	2.28	3.57	1.30	.98	11.85	.31	.94	2.20	2.48	1.92	1.23	11.34	40.3
Clearwater	1.06	.73	2.85	2.95	1.07	1.23	15.21	.47	1.54	2.67	2.57	2.38	1.46	16.19	37.8
MATANUSKA VALLEY															
Anchorage	.27	.54	1.56	2.41	2.33	4.66	17.68	.56	.53	1.07	2.07	2.32	2.37	14.68	63.3
PMC-Butte	.44	.44	.81	3.17	1.12	3.16	15.07	1.07	.52	1.54	1.80	1.79	2.67	17.88	63.9
Palmer AES	.35	.58	.67		1.37	4.63	13.15	.90	.63	1.19	1.60	1.03	2.72	14.23	65.2
Mat. Exp. Sta.	.45	.61	.96	3.42	1.21	3.37	14.82	.45	.73	1.64	2.43	2.74	2.28	16.85	45.6
Wasilla 3S	.41	.91	1.74	3.67	1.83	4.72	19.61	.97	.52	1.48	1.88	1.02	2.97	14.17	61.0
Talkeetna	.39	1.31	4.20	5.74	4.55	7.54	31.82	1.12	1.46	2.17	3.48	4.89	4.52	28.64	100.3
KENAI PENINSULA															
Homer Arpt.	.96	.28	.93	1.05	1.10	5.19	20.07	1.09	.71	1.06	1.70	2.56	2.85	22.86	22.8
Kasilof	.18	.72	1.18	1.36	1.76	5.87	16.67	1.15	.59	1.00	1.38	1.37	3.88	17.44	36.2
Sterling	.04	.76	.81	1.38	1.88	2.91	12.66	.81	.60	.83	1.38	1.13	2.66	13.18	30.8
OTHER AREAS															
Kodiak	3.60	5.55	7.29	3.81	2.23	10.10	68.52	3.81	4.35	4.12	3.54	4.30	6.11	56.68	57.9
Nome	.69	1.23	1.55	1.62	1.72	3.72	19.25	.73	.70	.95	2.42	3.57	2.40	16.44	84.7
McGrath	.93	1.17	1.36	3.21	2.73	5.00	22.75	.66	.80	1.70	2.28	3.28	2.14	16.74	107.4
Juneau Arpt.	2.44	5.10	1.86	1.73	5.97	5.10	41.12	2.99	3.31	2.93	4.69	5.00	6.90	54.67	118.5
Haines	3.54	2.27	.20	.69	1.81	5.32	36.68	1.98	2.12	1.06	1.38	1.71	5.10	50.64	104.2
Kenny Lake	.38	.38	.75	1.34	.76	1.20	8.58	.28	.86	1.47	2.27	1.16	1.07	10.74	50.1

SEASON GROWING DEGREE DAYS (Base 40°F) - ALASKA

STATION	May		Jun		Jul		Aug		Sep		Total	
	1982	Avg.	1982	Avg.	1982	Avg.	1982	Avg.	1982	Avg.	1982	Avg.
TANANA VALLEY												
Fairbanks Arpt.	211	226	555	570	713	642	515	477	279	132	2273	2047
Univ. Exp. Sta.	180	220	534	546	682	626	443	477	204	141	2043	2010
Salcha	146	267	456	501	670	645	443	561	228	159	1943	2133
Big Delta	115	263	495	509	620	647	403	521	216	159	1849	2099
Clearwater	164	223	564	460	539	585	409	466	204	110	1880	1844
MATANUSKA VALLEY												
Anchorage	140	192	387	438	496	555	456	493	275	243	1754	1921
PMC-Butte	164	253	417	441	527	557	477	495	258	229	1843	1975
Palmer AES	164	242	417	435	477	549	465	502	267	264	1790	1992
Mat. Exp. Sta.	152	217	402	450	496	543	481	471	249	231	1780	1912
Wasilla 3S	186	267	453	456	527	592	512	546	285	282	1963	2143
Talkeetna	109	146	390	450	527	555	487	453	183	183	1696	1787
KENAI PENINSULA												
Homer Arpt.	59	86	270	257	403	419	391	419	246	237	1369	1418
Kasilof	0	78	213	261	341	415	291	391	135	180	980	1325
Sterling	0	152	240	321	403	468	310	431	120	189	1073	1561
OTHER AREAS												
Kodiak	109	99	276	291	465	437	468	462	297	300	1615	1589
Nome	0	-	276	165	465	313	403	285	153	63	1297	826
McGrath	37	127	456	471	558	564	456	419	156	114	1663	1695
Juneau Arpt.	167	211	489	396	558	487	459	443	309	276	1982	1813
Haines	186	301	567	459	620	549	518	555	345	312	2236	2176
Kenny Lake	50	156	408	397	527	507	403	432	180	129	1568	1621

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